

28/11/18 (Morning)

This question paper contains 3 printed pages.

Your Roll No.

Sl. No. of Ques. Paper: 271

I

Unique Paper Code : 42163512

Name of Paper : Ethnobotany

Name of Course : B.Sc. (Prog.) Botany : SEC

Semester : V

Duration : 3 hours

Maximum Marks : 38

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

*Attempt all questions and
all of their parts together.*

1. (a) Define the following terms (any five): $1 \times 5 = 5$

(i) TKDL

(ii) Herbarium

(iii) Endangered taxa

(iv) Archaeoethnobotany

(v) IPR

(vi) Psychotropic drugs.

(b) Match the terms given in Column A with those in
Column B: $1 \times 5 = 5$

P. T. O.

Column A

Column B

- | | |
|------------------------|-----------------------------|
| (i) Indian ginseng | <i>Gloriosa superba</i> |
| (ii) Bio-pesticide | <i>Indigofera tinctoria</i> |
| (iii) Suicidal agent | <i>Vitex negundo</i> |
| (iv) Dye | <i>Withania somnifera</i> |
| (v) Chinese chastetree | <i>Azadirachta indica</i> |

2. Write botanical name, family, part used and ethnobotanical use of any four: $2 \times 4 = 8$

- (a) Sarpagandha
- (b) Madagascar periwinkle
- (c) Sweet wormwood
- (d) Indian Beech
- (e) Holy basil.

3. (a) Write short notes on any two: $2.5 \times 2 = 5$

- (i) Forest management
- (ii) Minor ethnic groups in India
- (iii) *Tribulus Terrestris*.

(b) How can endangered taxa be conserved through forest management practices? 2

4. (a) Discuss how ethnobotanical knowledge can help in conservation of genetic resources. 4

(b) How are traditional medicines superior over modern medicines? 3

5. (a) Temples and sacred places serve as the source of ethnobotanical knowledge. Justify with the help of suitable examples. 4

(b) Mention different approaches used in ethnobotanical studies. 2